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NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change  
to PHARMASEARCH  
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents  
Index  
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased  
NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File  
NEWS 6 Oct 22 Over 1 million reactions added to CASREACT  
NEWS 7 Oct 22 DGENE GETSIM has been improved  
NEWS 8 Oct 29 AAASD no longer available  
NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2  
NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN  
NEWS 11 Nov 29 COPPERLIT now available on STN  
NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers  
NEWS 13 Nov 30 Files VETU and VETB to have open access  
NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
NEWS 15 Dec 10 DGENE BLAST Homology Search  
NEWS 16 Dec 17 WELDASEARCH now available on STN  
NEWS 17 Dec 17 STANDARDS now available on STN  
NEWS 18 Dec 17 New fields for DPCI  
NEWS 19 Dec 19 CAS Roles modified  
NEWS 20 Dec 19 1907-1946 data and page images added to CA and Cplus  
NEWS 21 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 22 Jan 25 Searching with the P indicator for Preparations  
NEWS 23 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 24 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update  
frequency  
NEWS 25 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
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=> s delta 1 pyrroline 5 carboxylate reductase  
4 FILES SEARCHED...

L1 0 DELTA 1 PYRROLINE 5 CARBOXYLATE REDUCTASE

=> s pyrroline carboxylate reductase

L2 201 PYRROLINE CARBOXYLATE REDUCTASE

=> s l2 and human

3 FILES SEARCHED...

L3 41 L2 AND HUMAN

=> s l3 and "P5CRH"

L4 0 L3 AND "P5CRH"

=> s l3 and antibod?

L5 3 L3 AND ANTIBOD?

=> dup remove l5

PROCESSING COMPLETED FOR L5

L6 3 DUP REMOVE L5 (0 DUPLICATES REMOVED)

=> d l6 1-3 chib abs

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

2001:489597 Document No. 135:103421 Protein and cDNA of 14 kDa human  
.delta.1-pyrroline-5-carboxylate-reductase sequence homolog and  
therapeutic use thereof. Mao, Yumin; Xie, Yi (Shanghai Biowindow Gene  
Development Inc., Peop. Rep. China). PCT Int. Appl. WO 2001048168 A1  
20010705, 37 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA,  
BB, BG, BR, BY, BZ, CA, CH, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB,  
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,  
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,  
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,  
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG,  
CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR,  
NE, NL, PT, SE, SN, TD, TG, TR. (Chinese). CODEN: PIXXD2. APPLICATION:  
WO 2000-CN695 20001225. PRIORITY: CN 1999-125800 19991227.

AB The invention provides cDNA sequences for 14 kDa novel human  
protein cloned from fetal brain, and its protein sequences which have  
sequence homol. to a known .delta.1-pyrroline-5-carboxylate-reductase.  
The invention also relates to constructing .delta.1-pyrroline-5-  
carboxylate-reductase 14 gene expression vectors to prep. recombinant

.delta.1-pyrroline-5-carboxylate-reductase 14 protein using prokaryote or eukaryote cells. Methods of expressing and prepg. recombinant .delta.1-pyrroline-5-carboxylate-reductase 14 protein and its **antibody** are described. Methods of using .delta.1-pyrroline-5-carboxylate-reductase 14 gene or protein products for the treatment of various kinds of diseases, such as cancer, blood diseases, HIV infection, immune diseases and inflammation are also disclosed.

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

2001:917882 Document No. 136:32718 **Human** pyrroline-5-carboxylate reductase sequence homolog 30 and its cDNA and therapeutic use thereof. Mao, Yumin; Xie, Yi (Shanghai Borong Gene Development Co., Ltd., Peop. Rep. China). Faming Zhuanli Shenqing Gongkai Shuomingshu CN 1298002 A 20010606, 26 pp. (Chinese). CODEN: CNXXEV. APPLICATION: CN 1999-124090 19991124.

AB The invention provides cDNA sequences of a novel **human** pyrroline-5-carboxylate reductase sequence homolog 30 cloned from **human** embryonic brain. The invention also relates to constructing the cloned gene expression vectors to prep. its recombinant protein using E. coli cells or eukaryotic cells. Methods of expressing and prepg. the above recombinant protein and its **antibody** are described. Methods of using related gene or protein products for the treatment of various kinds of diseases, such as cancer, blood diseases, HIV infection, immune diseases and inflammation are also disclosed. Methods for screening for related analogs, agonists, inhibitors and antagonists to be used as therapeutic drugs are also described.

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

2000:547414 Document No. 133:161280 Cloning, expression, sequence and possible therapeutic use of **human** .DELTA.1-pyrroline-5-carboxylate reductase. Hillman, Jennifer L.; Corley, Neil C.; Baughn, Mariah R. (Incyte Pharmaceuticals, Inc., USA). U.S. US 6100075 A 20000808, 32 pp. (English). CODEN: USXXAM. APPLICATION: US 1998-99676 19980618.

AB The invention provides a **human** .DELTA.1-pyrroline-5-carboxylate reductase (P5CR) and cDNA which identify and encode P5CR. Nucleic acids encoding P5CR were first identified in Incyte clone 2278458 from the prostate cDNA library (PROSNOSN01) using a computer search for amino acid sequence alignments. P5CR is 320 amino acids in length. Naturally occurring P5CR was purified using specific **antibodies**. The invention also provides expression vectors, host cells, **antibodies**, agonists, and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders assocd. with expression of P5CR.

=> s hillman j?/au or corley n?/au or baughn m?/au

L7 2036 HILLMAN J?/AU OR CORLEY N?/AU OR BAUGHN M?/AU

=> s 17 and GI189498

3 FILES SEARCHED...

L8 0 L7 AND GI189498

=> s 17 and antibody

L9 695 L7 AND ANTIBODY

=> s 19 and human pyrroline carboxylate reductase

3 FILES SEARCHED...

L10 0 L9 AND HUMAN PYRROLINE CARBOXYLATE REDUCTASE

=> s 19 and pyrroline carboysylate reductase

L11 0 L9 AND PYRROLINE CARBOYSYLATE REDUCTASE

=> d his

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FILE 'MEDLINE, EMBASE, BIOSIS, SCISEARCH, CAPLUS' ENTERED AT 08:18:09 ON  
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L1 0 S DELTA 1 PYRROLINE 5 CARBOXYLATE REDUCTASE  
L2 201 S PYRROLINE CARBOXYLATE REDUCTASE  
L3 41 S L2 AND HUMAN  
L4 0 S L3 AND "P5CRH"  
L5 3 S L3 AND ANTIBOD?  
L6 3 DUP REMOVE L5 (0 DUPLICATES REMOVED)  
L7 2036 S HILLMAN J?/AU OR CORLEY N?/AU OR BAUGHN M?/AU  
L8 0 S L7 AND GI189498  
L9 695 S L7 AND ANTIBODY  
L10 0 S L9 AND HUMAN PYRROLINE CARBOXYLATE REDUCTASE  
L11 0 S L9 AND PYRROLINE CARBOXYLATE REDUCTASE

=> s l7 and "P5CRH"

L12 2 L7 AND "P5CRH"

=> dup remove l12

PROCESSING COMPLETED FOR L12

L13 2 DUP REMOVE L12 (0 DUPLICATES REMOVED)

=> d l13 1-2 cbib abs

L13 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

2001:453302 Document No.: PREV200100453302. Delta 1-pyrroline-5-carboxylate reductase homolog. Hillman, Jennifer L.; Corley, Neil C.; Baughn, Mariah R.. ASSIGNEE: Incyte Genomics, Inc.. Patent Info.: US 6268192 July 31, 2001. Official Gazette of the United States Patent and Trademark Office Patents, (July 31, 2001) Vol. 1248, No. 5, pp. No Pagination. e-file. ISSN: 0098-1133. Language: English.

AB The invention provides a human delta 1-pyrroline-5-carboxylate reductase homolog (P5CRH) and polynucleotides which identify and encode P5CRH. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders associated with expression of P5CRH.

L13 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

2001:185650 Document No.: PREV200100185650. Delta 1-pyrroline-5-carboxylate reductase homolog. Hillman, Jennifer L.; Corley, Neil C.; Baughn, Mariah R.. ASSIGNEE: Incyte Pharmaceuticals, Inc.. Patent Info.: US 6100075 August 08, 2000. Official Gazette of the United States Patent and Trademark Office Patents, (Aug. 8, 2000) Vol. 1237, No. 2, pp. No Pagination. e-file. ISSN: 0098-1133. Language: English.

AB The invention provides a human delta 1-pyrroline-5-carboxylate reductase homolog (P5CRH) and polynucleotides which identify and encode P5CRH. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders associated with expression of P5CRH.

=> s "P5CRH"

L14 2 "P5CRH"

=> d l14 1-2 cbib abs

L14 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

2001:453302 Document No.: PREV200100453302. Delta 1-pyrroline-5-carboxylate reductase homolog. Hillman, Jennifer L.; Corley, Neil C.; Baughn, Mariah R.. ASSIGNEE: Incyte Genomics, Inc.. Patent Info.: US 6268192 July 31, 2001. Official Gazette of the United States Patent and Trademark Office Patents, (July 31, 2001) Vol. 1248, No. 5, pp. No Pagination. e-file.

ISSN: 0098-1133. Language: English.

AB The invention provides a human delta 1-pyrroline-5-carboxylate reductase homolog (**P5CRH**) and polynucleotides which identify and encode **P5CRH**. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders associated with expression of **P5CRH**.

L14 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

2001:185650 Document No.: PREV200100185650. Delta 1-pyrroline-5-carboxylate reductase homolog. Hillman, Jennifer L.; Corley, Neil C.; Baughn, Mariah R.. ASSIGNEE: Incyte Pharmaceuticals, Inc.. Patent Info.: US 6100075 August 08, 2000. Official Gazette of the United States Patent and Trademark Office Patents, (Aug. 8, 2000) Vol. 1237, No. 2, pp. No Pagination. e-file. ISSN: 0098-1133. Language: English.

AB The invention provides a human delta 1-pyrroline-5-carboxylate reductase homolog (**P5CRH**) and polynucleotides which identify and encode **P5CRH**. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders associated with expression of **P5CRH**.

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